

***LineUp With Math™* Alignment**  
**2003 Mathematics Standard Course of Study and**  
**Grade Level Competencies**

**Strand: Number and Operations**

***COMPETENCY GOAL 1: The learner will understand and compute with rational numbers.***

**Objectives**

- 1.02 Develop meaning for percents.  
a) Connect the model, number word, and number using a variety of representations.  
b) Make estimates in appropriate situations.

***LineUp With Math™* Activities**

- Use percent relationships to resolve distance, rate, time conflicts in air traffic control.  
  
--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.